

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) A ~~personal~~ hair care device ~~such as a hair dryer or a fan heater~~ including a main housing, a motor, a motor driven fan, ~~[[a]]~~ first and second heating elements element, ~~controlling means a controller, and~~ a thermal sensor~~[[,]]~~ ; wherein said main housing defines an air-passageway having an air-inlet and an air-outlet, said heating element is disposed intermediate ~~between~~ said air-inlet and said air-outlet, said thermal sensor is disposed adjacent to said air-outlet and provides temperature information to said controller, said ~~controlling means~~ controller includes memory for storing the temperature information and ~~said controlling means includes~~ means for comparing ~~[[said]]~~ the temperature information received from said thermal sensor with ~~[[the]]~~ pre-stored temperature information, and wherein said ~~controlling means~~ controller and ~~causes~~ said heating elements are arranged to reduce heating power output ~~according to a pre-determined manner when the~~ by a non-dissipative power reduction scheme upon detection of received temperature information ~~corresponds to~~ indicating a temperature ~~which exceeds~~ exceeding a pre-determined threshold.

2. (Original) A device of claim 1, wherein said thermal sensor includes a negative temperature coefficient ("NTC") device.

3. (Currently Amended) A device of claim 1, wherein said first and second heaters are turned on and off according to a plurality of pre-determined patterns, said plurality of pre-determined patterns ~~manner includes a plurality of pre-determined settings~~ corresponding to a plurality of pre-determined discrete heating power and fan speed settings.
4. (Currently Amended) A device of claim 1, further including a visual display means on said main housing for indicating the instantaneous operating conditions of said device.
5. (Currently Amended) A device of claim 4, wherein said display means includes graphical representations showing operating conditions of said device, said operating conditions including the fan speed level and the operation status ~~triggering~~ of a built-in ionizer ~~for hair~~.
6. (Currently Amended) A device of claim 4, wherein said visual display means includes a numerical display showing the instantaneous power level of said heater.
7. (Currently Amended) A device of claim 6, wherein said visual display means further includes graphical representations showing operating conditions of said device, said operating conditions including the fan speed level and the operation status ~~triggering~~ of a built-in ionizer ~~for hair~~.

8. (Currently Amended) A device according to claim 4, wherein said visual display means includes an ~~include a~~ LCD display screen.

9. (Currently Amended) A device according to claim 5, wherein said visual display means includes an ~~include a~~ LCD display screen.

10. (Currently Amended) A device according to claim 6, wherein said visual display means includes an ~~include a~~ LCD display screen.

11. (Currently Amended) A device according to claim 7, wherein said visual display means includes an ~~include a~~ LCD display screen.

12. (New) A device according to claim 1, wherein said non-dissipative scheme includes the turning on and off of said first and second heating elements to operate at different time intervals.

13. (New) A device according to claim 12, wherein said non-dissipative scheme includes the turning on and off of said first heating element during positive half-cycles of an alternating power supply.

14. (New) A device according to claim 12, wherein said non-dissipative scheme includes the turning on and off of said second heating element during negative half-cycles of an alternating power supply.

15. (New) A device according to claim 12, wherein said non-dissipative scheme includes the turning on and off of said first heating element during positive half-cycles of an alternating power supply, and the turning on and off of said second heating element during negative half-cycles of said alternating power supply.

16. (New) A device according to claim 12, further comprising a synchronization circuit, said synchronization circuit being arranged to co-operate with said controller to provide information for controlling the actuation timing of said first and second heating elements, wherein said synchronization circuit and said controller are arranged to mitigate harmonics due to switching of actuation between said first and second heating elements.

17. (New) A device according to claim 16, wherein said synchronization circuit and said controller are configured so that said first and second heating elements are actuated at or near the zero-crossing point of an alternating current supply.